GV-FD320D 3MP H.264 Fixed IP Dome

- 1/2.5" progressive scan CMOS
- Dual streams from H.264 and MJPEG
- Up to 20 fps at 2048 x 1536
- 3-axis mechanism (pan / tilt / roll)
- Varifocal megapixel lens
- Intelligent IR
- 2-way audio
- AAC and G.711 audio codec
- One sensor input and alarm output
- TV-out support
- Memory card slot
- DC 12V / AC 24V / PoE
- Wide Dynamic Range (WDR)
- Motion detection
- Tampering alarm
- Privacy mask
- Removable IR-cut filter for Day/Night function
- IP address filtering
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF conformant

*** No Memory card slot & local storage function for Argentina.**

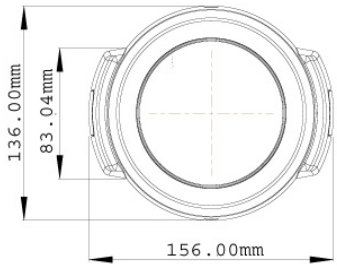
Active Tampering Alarm

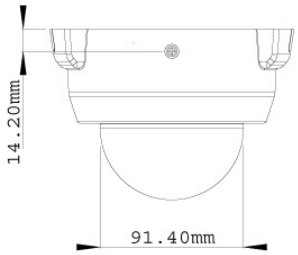
Tampered

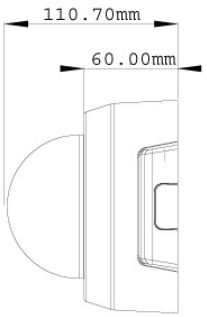
Focus Change

Camera Shift

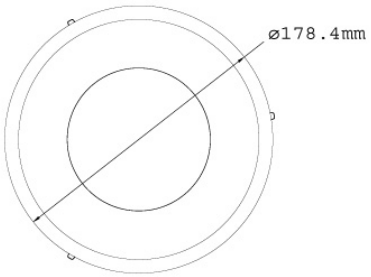
Hard-Ceiling Mount

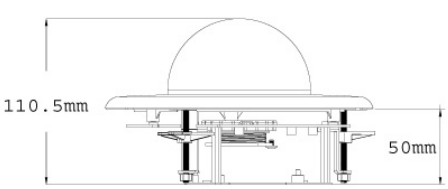


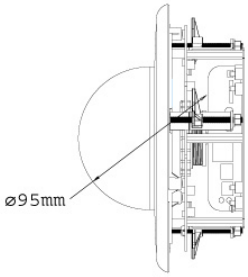




In-Ceiling Mount







SPECIFICATIONS

Camera		
Image Sensor		1/2.5” progressive scan CMOS
Picture Elements		2048 (H) x 1536 (V)
Minimum Illumination	Color	1 Lux (1/30 sec), 0.5 Lux (1/5 sec)
	B/W IR ON	0 Lux
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)
White Balance		Automatic, Manual (2800K ~ 8500K)
Gain Control		Automatic
S/N Ratio		45 dB
BLC		Yes
Lens		
Megapixel		Yes
Day/Night		Yes (with removable IR-cut filter)
Lens Type		Varifocal
Focal Length		3 ~ 9 mm
Maximum Aperture		F/1.3
Mount		Ø 14 mm
Image Format		1/3”
Operation	Focus	Manual (w / lock)
	Zoom	Manual (w / lock)
	Iris	DC drive
Max. Torque (Focus/ Zoom Screws)		0.049 N.m
IR LED Quantity		10 IR LEDs
IR Distance		15 m / 50 ft (Max.)
Operation		
Video Compression		H.264, MJPEG
Video Streaming		Dual streams from H.264 and MJPEG
Frame Rate		20 fps at 2048 x 1536 * The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
Image Setting		Brightness, Contrast, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, Backlight Compensation, D/N Sensitivity, WDR, Defog
Audio Compression		G.711, AAC (16 kHz / 16 bit) * AAC is only supported by GV-System V8.5 or later
Two-way Audio		Yes
Sensor Input		1 Input (Dry Contact)
Alarm Output		1 Output (200mA 5V DC)
Video Resolution		
Main Stream	4:3	2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480, 320 x 240
	16:9	1920 x 1080, 1280 x 720, 640 x 360, 448 x 252
	5:4	1280 x 1024, 640 x 512, 320 x 256
Sub Stream	4:3	640 x 480, 320 x 240
	16:9	640 x 360, 448 x 252
	5:4	640 x 512, 320 x 256
Network		
Interface		10/100 Ethernet
Ethernet Protocol		HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP), ONVIF
Mechanical		
Camera Angle Adjustment	Pan	0° ~ 350°
	Tilt	10° ~ 90°
	Rotation	0° ~ 340°
Temperature Detector		Yes

Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45
	Audio	1 In (microphone phone jack, 3.5 mm / 0.14 in) 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)
	Digital I/O	3-pin terminal block, pitch 2.5 mm / 0.1 in
	Auto Iris	DC drive
	Local Storage	Micro SD/SDHC/SDXC memory card slot (for Class 6 card or above)
	TV-Out	BNC connector (640 x 480)
General		
Environment Temperature		0 °C ~ 50 °C / 32 °F ~ 122 °F
Humidity		10% to 90% (no condensation)
Power Source		12V DC / 24V AC / PoE
Max. Power Consumption		12 W
Dimensions		ø 156 x 110 mm / 6.14 x 4.33 in
Weight		580 g / 1.28 lb
Vandal Resistance		IK7
Regulatory		CE, FCC, C-Tick, RoHS compliant
Power over Ethernet		
PoE Standard		IEEE 802.3af Power over Ethernet / PSE
PoE Power Supply Type		End-Span
PoE Power Output		Per Port 48V DC, 350mA. Max. 15.4 watts
Web Interface		
Installation Management		Web-based configuration
Maintenance		Firmware upgrade through Web Browser or Utility
Access from Web Browser		Camera live view, video recording, change video quality, bandwidth control, image snapshot, digital I/O control, audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Text Overlay
Language		Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish
Applications		
Network Storage		GV-NVR, GV-System, GV-Backup Center, GV-Recording Server
Smart Device Access		GV-Eye for Android smartphone, tablet, iPhone, and iPod Touch GV-Eye HD for iPad
Live Viewing		IE, GV-MultiView
CMS Server support		GV-Control Center, GV-Center V2, GV-VSM

Note:

1. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
2. Specifications are subject to change without notice.